# Waste Tire Abatement Initiative in Iowa

Progress and Solutions in Stockpile Cleanups

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**Iowa Department of Natural Resources** 



# Abatement Program Review:

- 1996 Estimated 6 million tires 60+ stockpiles
- 1996 Legislation passed: established Tire Fund
- 1998-2002 Tire Abatement Program Implemented
  - 9.3 million tires removed from 65 sites
  - \$9.7 million in abatement contracts
  - \$1.04 per tire average expense
  - all material recovered and processed for markets





# Keys to program success:

- Ends justify means
- Learn from other's experience
- Performance based contracts









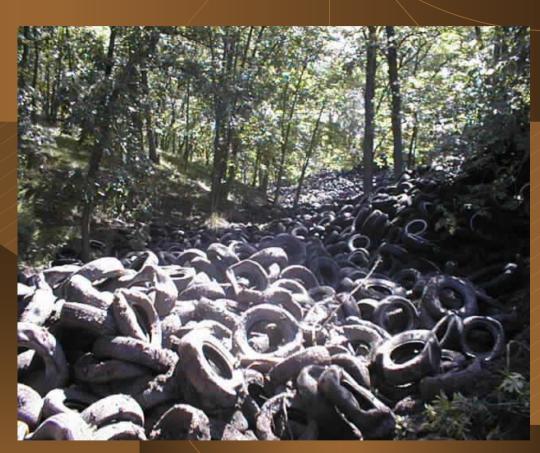
### Enforcement Tactics: Blood & Turnips

- Civil law prosecution
- \$5.5 million in outstanding court ordered penalties
- \$150,000 cost share from landowners (\$500-\$25,000)
- innocent landowners
- in-kind contributions
  - cleanup of other wastes
  - conservation enhancement
  - agreements for future operations



#### Tire Abatement Contractors: Practice vs. Promise

- Hire capable firms
- Experience & Expertise
- Avoid the learning curve
- No "start ups"
- Markets, markets, markets....
- Weighted score system for bid proposals





# **Bidding Process**

- Bid issued by RFP
- Bids based on price per ton
- 100 point bid review
  - 40 pts. for price
  - 20 pts. End-markets
  - 20 pts. Cleanup plan
  - 20 pts. Experience
- ◆ \$5,000 bid bond
- team review





### Contract & Performance Process

- Performance Bond: \$100K-\$1M
- Contract document: only 2 pages reference RFP
- pay per ton, with 125% value
- invoicing every 30 days
- weight tickets pay from weight at processing site
- documentation of end-use marketing per invoice







- Ervin Stockpile Webster County
- 3 million tires 20 month project







Grell Stockpile - Ft. Dodge





- Freland Estate, Marshall County
- ◆ 550,000 tires 12 month project



# Thank you

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